ENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference	FOR FURTHER see Notification of (Form PCT/ISA/22	Transmittal of International Search Report 20) as well as, where applicable, item 5 below.				
International application No.	International filing date (day/month/year)	(Earliest) Priority Date (day/month/year)				
PCT/US 99/14782	30/06/1999	30/06/1998				
Applicant						
L'AIR LIQUIDE, SOCIETE AND	ONYME POURet al.					
This International Search Report has been according to Article 18. A copy is being tra	n prepared by this International Searching Auth ansmitted to the International Bureau.	ority and is transmitted to the applicant				
This international Search Report consists of a total of sheets. It is also accompanied by a copy of each prior art document cited in this report.						
1. Basis of the report		to seal to be a series of the				
a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.						
the international search w Authority (Rule 23.1(b)).	ras carried out on the basis of a translation of th	ne international application furnished to this				
• • • • • • • • • • • • • • • • • • • •	d/or amino acid sequence disclosed in the in	temational application, the International search				
contained in the internation	onal application in written form.	_				
	ernational application in computer readable form	n.				
	o this Authority in written form. This Authority in computer readble form.					
the statement that the sub	o this Authority in computer readble form. beequently furnished written sequence listing di is filed has been furnished.	oes not go beyond the disclosure in the				
		s identical to the written sequence listing has been				
2. Certain claims were four	nd unsearchable (See Box I).					
3. Unity of invention is laci	king (see Box II).					
4. With regard to the title,						
the text is approved as su						
ON BOARD INERT GAS GEN	shed by this Authority to read as follows: NERATING SYSTEM USING MULTIF					
HAVING DIFFERENT PERMI	EABILITY AND SELECTIVITY MEN	MBRANES.				
5. With regard to the abstract,						
	ubmitted by the applicant. shed, according to Rule 38.2(b), by this Authorit e date of mailing of this international search rep					
6. The figure of the drawings to be publ	Ished with the abstract is Figure No.					
as suggested by the appli		X None of the figures.				
because the applicant fail because this figure better	led to suggest a figure. r characterizes the invention.					
L. Formula vila lighte belief						

703 836 2021 P.05/07 International Application No.

•	·	•	PC	5 99/14	1782
A. CLASSIF	FICATION OF SUBJECT MATTER B64D37/32 A62C2/08 • B01D	53/22			
Anne etter *-	n International Palent Classification (IPC) or to both national o	dassification and IPC			
	SEARCHED				
	cumentation searched (classification system followed by class	esification symbols)			
IPC 7					
Documentat	don searched other than minimum documentation to the exten	nt that such documents are in	cluded in	the fields search	ned
Electronic de	ata base consulted during the international search (name of	data base and, where practic	al, search	(beau eme)	
C. DOCUM	ENTS CONSIDERED TO BE RELEVANT				
Category "	Citation of document, with indication, where appropriate, o	I the relevant passages			Relevant to claim No.
X	US 5 013 331 A (EDWARDS DONAL 7 May 1991 (1991-05-07) cited in the application	DW ET AL)			1-3,11, 13,14, 16,17, 22,24,
Y	abstract				25,29,30 4,5,7,8, 12,15, 16,18, 19,26
	figures 1-13 column 1, line 1 - line 35 column 1, line 66 -column 2, column 5, line 62 -column 7, column 8, line 66 -column 9, column 10, line 25 -column 12	line 56 line 19			·
		-/			
X Fuel	her documents are listed in the continuation of box C.	X Patent fami	ry membel	re are lieted in a	y y re/A.
"A" docume	stegories of cited documents : ont defining the general state of the art which is not fered to be of particular relevance		and not in	conflict with the	tional filing date application but underlying the
filing d	document but published on or after the international late Fit which may throw doubte on priority claim(e) or le cited to establish the publication date of another	"X" document of par cannot be cons involve an inve	idered nov htive step v	el or cannot be when the docum	considered to tent is taken alone
citation "O" docume other r	n or other special reason (as specified) ent referring to an oral disclosure, use, exhibition or means	document le co	ldered to it mbined wit	nvolve an invent in one or more o	ned invention tive step when the other such docu- o a person skilled
17 167 <i>A</i> i	ant published prior to the international filing date but han the priority date claimed	"&" document memb			
	actual completion of the international search December 1999	Date of mailing 30/12/		mazional search	пофен
Name and r	mailing address of the ISA European Patent Office, P.B. 5818 Patentiaan 2	Authorized office			
	NL - 2280 MV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo ni, Fax: (+31-70) 340-3016	Calvo	de Nõ	, R	

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P.06/07

nai Application No PC1/US 99/14782

C.(Continu	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	
etegory °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	DORNHEIM M A: "AIRLINE INDUSTRY TAKES FRESH LOOK AT INERTING" AVIATION WEEK AND SPACE TECHNOLOGY,US,MCGRAW-HILL INC. NEW YORK, vol. 147, no. 2, page 60-61 XP000699956 ISSN: 0005-2175	4,5,7,8, 12,15, 16,18, 19,26
Α .	page 60, column 2, paragraph 1	1-3,6, 11,13, 14,22
	page 60, column 3, paragraph 5 -page 61, last paragraph	
A	CLODFELTER ROBERT G: "THE EVOLUTION OF ON-BOARD INERT GAS GENERATION SYSTEMS (OBIGGS)" PROCEEDINGS OF THE 27TH ANNUAL SYMPOSIUM OF SAFE ASSOCIATION, 5 - 8 December 1989, pages 19-24, XP002122565 New Orleans, LA, USA the whole document	1-5,11, 14-16, 22,25,26
A	FR 2 264 566 A (INTERTECHNIQUE SA) 17 October 1975 (1975-10-17)	1-5, 9-11, 13-17, 20-22, 24-28
	page 1, line 1 -page 3, line 32 page 5, line 2 - line 22 page 6, line 23 - line 32 page 8, line 20 -page 9, line 5 page 10, line 40 -page 11, line 31	
A	US 4 378 920 A (RUNNELS JOE N ET AL) 5 April 1983 (1983-04-05)	1-3,11, 13,14, 17,22, 24,25
A	the whole document US 4 397 661 A (KING DUANE E ET AL)	1,14,25
	9 August 1983 (1983-08-09) abstract column 1, line 42 -column 2, line 12 column 2, line 44 -column 4, line 41	

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INTERNATIONAL SEARCH REPURI

BURNS DOANE

Inform. ... i on patent family members

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P.07/07

PC1, US 99/14782

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